

Patent Abstracts of Japan

PUBLICATION NUMBER : 04360068
PUBLICATION DATE : 14-12-92

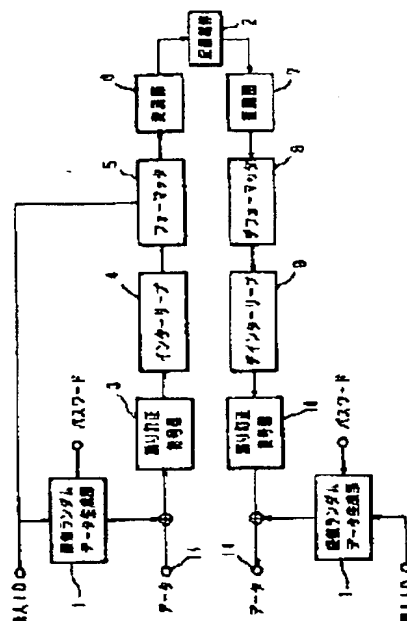
APPLICATION DATE : 07-06-91
APPLICATION NUMBER : 03136505

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INT.CL. : G11B 20/12 G06F 3/06 G06F 12/14
G11B 20/10 G11B 27/00

TITLE : DATA RECORDING AND
REPRODUCING DEVICE



ABSTRACT : PURPOSE: To provide the data recording and reproducing device in which duplicating is restricted for the purpose of protecting the copyright of data and programs and reading is prevented for the purpose of confidentiality.

CONSTITUTION: At the time of starting to use the data recording and reproducing device, an individual ID and a password are inputted for setting, and after the adding operation of the data to be recorded based on the individual ID and the password and the data generated at a pseudo random data generating part 1 at an exclusive logical sum circuit, coding is performed together with the individual ID by an error correcting coding device 3. At an interleaving part 4 the rearrangement of data array is performed, and at a formatter 5 directory information, ID signal, address signal, etc., are added, modulated at a modulation part 6 and recorded at a recording medium 2. At the time of reproducing, a reverse process is performed, and by the adding operation of the set individual ID and the data generated at the pseudo random data generating part 1 based on the password at the exclusive logical sum circuit 14, the original data is restored.

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